

WHAT IS CLAIMED IS:

*Sub A1*  
1. An information offering method for a vehicle comprising the steps of:

5 calculating a histogram of vehicle information or a standard deviation during use of a vehicle based on at least one of vehicle information relating to fuel consumption of the vehicle, the vehicle information being output from a vehicle information detector when a predetermined time elapses after a beginning of  
10 the use of the vehicle;

marking the vehicle information based on a point set in the histogram or the standard deviation; and

calculating an evaluation result based on the point of each of the marked vehicle information to notify a driver of the  
15 calculated evaluation result.

2. An information offering method for a vehicle as claimed in claim 1, wherein the evaluation result comprises an evaluation result of the driving situation of the vehicle.

20 3. An information offering method for a vehicle as claimed in claim 1, wherein the vehicle information detector comprises at least any one of a vehicle speed sensor, an acceleration sensor and a distance sensor.

25 4. An information offering method for a vehicle as claimed in claim 1, wherein the vehicle information comprises at least any

one of a traveling distance, an idling time, a traveling speed and an acceleration of the vehicle.

5. An information offering method for a vehicle as claimed  
5 in claim 1, wherein the marking of the vehicle information is performed in consideration of the quantity of fuel consumption, the quantity of exhaust gas to be emitted, or components of the exhaust gas of the vehicle during the use of the vehicle.

10 6. An information offering method for a vehicle comprising the steps of:

detecting a first vehicle speed pulse output from a vehicle speed pulse sensor during use of a vehicle and a second vehicle speed pulse output from the vehicle speed pulse sensor when a  
15 predetermined time elapses after the beginning of the use of the vehicle;

calculating a histogram of vehicle information or a standard deviation based on at least one of vehicle information relating to fuel consumption of the vehicle from the first vehicle speed pulse  
20 and the second vehicle speed pulse;

marking the vehicle information based on a point set in the histogram or the standard deviation; and

calculating an evaluation result based on the point of each of the marked vehicle information to notify a driver of the  
25 calculated evaluation result.

7. An information offering method for a vehicle as claimed

in claim 6, wherein the evaluation result comprises an evaluation result of the driving situation of the vehicle.

8. An information offering method for a vehicle as claimed  
5 in claim 6, wherein the vehicle information comprises at least any one of a traveling distance, an idling time, a traveling speed and an acceleration of the vehicle.

9. An information offering method for a vehicle as claimed  
10 in claim 6, wherein the marking of the vehicle information is performed in consideration of the quantity of fuel consumption, the quantity of exhaust gas to be emitted, or components of the exhaust gas of the vehicle during the use of the vehicle.

10. An information offering apparatus for a vehicle  
15 comprising:

a device for setting at least one piece of vehicle  
information relating to fuel consumption of a vehicle, the vehicle  
information being output from a vehicle information detector when  
20 a predetermined time elapses after the beginning of use of the vehicle;

a device for calculating a histogram of vehicle information  
or a standard deviation during the use of the vehicle based on the  
set vehicle information;

25 a device for marking the vehicle information based on a point set in the histogram or the standard deviation;

a device for calculating an evaluation result based on the

point of each of the marked vehicle information; and

an notifying device for notifying a driver of the evaluation result.

5        11. An information offering apparatus for a vehicle as claimed in claim 10, wherein the notifying device comprises at least either one of a display and a sound output unit mounted on the vehicle.

10       12. An information offering apparatus for a vehicle as claimed in claim 10, wherein the evaluation result comprises an evaluation result of the driving situation of the vehicle.

15       13. An information offering apparatus for a vehicle as claimed in claim 10, wherein the vehicle information detector comprises at least any one of a vehicle speed sensor, an acceleration sensor and a distance sensor.

20       14. An information offering apparatus for a vehicle as claimed in claim 10, wherein the vehicle information comprises at least any one of a traveling distance, an idling time, a traveling speed and an acceleration of the vehicle.

25       15. An information offering apparatus for a vehicle comprising:

a device for detecting a first vehicle speed pulse output from a vehicle speed pulse sensor during use of a vehicle and a

second vehicle speed pulse output from the vehicle speed pulse sensor when a predetermined time elapses after the beginning of the use of the vehicle;

5 a device for calculating a histogram of vehicle information or a standard deviation based on at least one of vehicle information relating to fuel consumption of the vehicle from the first vehicle speed pulse and the second vehicle speed pulse;

a device for marking the vehicle information based on a point set in the histogram or the standard deviation;

10 a device for calculating an evaluation result based on the point of each of the marked vehicle information; and

an notifying device for notifying a driver of the evaluation result.

15 16. An information offering apparatus for a vehicle as claimed in claim 15, wherein the notifying device comprises at least either one of a display and a sound output unit mounted on the vehicle.

20 17. An information offering apparatus for a vehicle as claimed in claim 15, wherein the evaluation result comprises an evaluation result of the driving situation of the vehicle.

25 18. An information offering apparatus for a vehicle as claimed in claim 15, wherein the vehicle information comprises at least any one of a traveling distance, an idling time, a traveling speed and an acceleration of the vehicle.